



08-08-05

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PATENT  
Customer No. 22,852  
Attorney Docket No. 9140.0030-00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
NARASIMHAN, Mukundan et al. ) Group Art Unit: 2826  
)  
Application No.: 10/789,953 ) Examiner: FORDE, Remmon R.  
)  
Filed: February 26, 2004 )  
)  
For: DIELECTRIC BARRIER FILMS ) Confirmation No.: 5786  
)

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

Copies of the listed foreign patents and non-patent literature documents are attached.  
Copies of the U.S. patents and patent publications are not enclosed.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: August 4, 2005

By:



Gary J. Edwards  
Reg. No. 41,008

<b>EXPRESS MAIL LABEL NO.</b> <b>EV 727733012 US</b>
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US Form PTO/SB/08: Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

## Complete if Known

Application Number	10/789,953
Filing Date	February 26, 2004
First Named Inventor	NARASIMHAN, Mukundan
Art Unit	2826
Examiner Name	FORDE, Remmon R.
Attorney Docket Number	9140.0030-00

## U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US 2004/0077161	04-22-2004	Chen et al.	
		US 2003/0174391 A1	09-18-2003	Pan et al.	
		US 2003/0174391 A1	09-18-2003	Pan et al.	
		US 2003/0141186 A1	07-31-2003	Wang et al.	
		US 2001/041460 A1	11-15-2001	Wiggins	
		US 6,827,826	12-07-2004	Demaray et al.	
		US 6,750,156 B2	06-15-2004	Le et al.	
		US 6,361,662	03-26-2002	Chiba et al.	
		US 6,232,242	05-15-2001	Hata et al.	
		US 6,117,279	09-12-2000	Smolanoff et al.	
		US 5,738,731	04-14-1998	Shindo et al.	
		US 5,296,089	03-22-1994	Chen et al.	
		US 5,173,271	12-22-1992	Chen et al.	
		US 4,587,225	05-06-1986	Tsukuma et al.	
		RE 32,449	06-30-1987	Claussen	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 1 092 689 A1	04-18-2001	BPS Alzenau GmbH		
		EP 1 068 899 A1	01-17-2001	Nippon Sheet Glass Co., Ltd.		
		EP 0 639 655 A1	02-22-1995	Asahi Glass Co, Ltd.		
		EP 0 652 308 A2	10-13-1994	Mega Chips Corp.		
		JP 7-233469	09-05-1995	Asahi Glass Co, Ltd.		

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			<i>Application Number</i>	10/789,953	
			<i>Filing Date</i>	February 26, 2004	
			<i>First Named Inventor</i>	NARASIMHAN, Mukundan	
			<i>Art Unit</i>	2826	
			<i>Examiner Name</i>	FORDE, Remmon R.	
Sheet	2	of	3	<i>Attorney Docket Number</i>	9140.0030-00

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		Crowder, et al., "Low-Temperature Single-Crystal Si TFT's Fabricated on Si Films Processed via Sequential Lateral Solidification," IEEE, vol. 19, no. 8 (August 1998), pages 306-308.	
		Greene et al., "Morphological and electrical properties of rf sputtered Y2O3-doped ZrO2 thin films," J. Vac. Sci. Technol., vol. 13, no. 1 (Jan/Feb 1976), pages 72-75.	
		Hwang, Man-Soo et al., "The effect of pulsed magnetron sputtering on the properties of indium tin oxide thin films," Elsevier Science B.V., P. 29-33, (2003).	
		Im, et al. "Controlled Super-lateral Growth of Si Films for Microstructural Manipulation and Optimization," Materials Science Program (1998), pages. 603-617.	
		Im, et al., "Crystalline Si Films for Integrated Active-Matrix LiquidCrystal Displays," Mrs Bulletin (March 1996), pages. 39-48.	
		Im, et al., "Single-crystal Si films for thin-film transistor devices," American Institute of Physics (1997), pages. 3434-3436.	
		Tukamoto, H. et al., "Electronic Conductivity of LiCoO <sub>2</sub> and Its Enhancement by Magnesium Doping," J. Electrochem. Soc., vol. 44, no. 9, pages 3164-3168 (September 1997).	
		Response to Office Action filed on March 14, 2005 in U.S. Serial No. 10/291,179 (Attorney Docket No. 09140-0001-00).	
		Office Action issued on June 15, 2005 in U.S. Serial No. 10/291,179 (Attorney Docket No. 09140-0001-00).	
		Amendment/RCE filed on March 10, 2005 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).	
		Office Action issued on March 17, 2005 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).	
		Response to Office Action filed on June 17, 2005 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).	
		Office Action issued on July 8, 2005 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).	
		Office Action issued on May 14, 2003 in U.S. Serial No. 10/101,492 (Attorney Docket No. 09140-0015-00).	
		Response to Office Action filed on August 14, 2003 in U.S. Serial No. 10/101,492 (Attorney Docket No. 09140-0015-00).	
		Office Action issued on September 3, 2003 in U.S. Serial No. 10/101,492 (Attorney Docket No. 09140-0015-00).	
		Response to Office Action filed on March 3, 2004 in U.S. Serial No. 10/101,492 (Attorney Docket No. 09140-0015-00).	

Examiner Signature		Date Considered	
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IDS Form PTO/SB/08: Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				<i>Application Number</i>	10/789,953
				<i>Filing Date</i>	February 26, 2004
				<i>First Named Inventor</i>	NARASIMHAN, Mukundan
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				<i>Examiner Name</i>	FORDE, Remmon R.
Sheet	3	of	3	<i>Attorney Docket Number</i>	9140.0030-00

NON PATENT LITERATURE DOCUMENTS			
		Office Action issued January 13, 2005 in U.S. Serial No. 10/101,863 (Attorney Docket No. 09140-0016-00).	
		Response to Office Action filed on June 10, 2005 in U.S. Serial No. 10/101,863 (Attorney Docket No. 09140-0016-00).	
		Office Action issued on March 25, 2005 in U.S. Serial No. 10/954,182 (Attorney Docket No. 09140-0016-01).	
		Office Action issued May 4, 2004 in U.S. Application No. 10/101,493 (Attorney Docket No. 09140.0021-00).	
		Office Action issued March 25, 2005 in U.S. Application No. 10/851,452 (Attorney Docket No. 09140.0033-00).	

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